

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
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Gou SHINOHARA et al.)	Group Art Unit: 1621
)	
Application No.: 10/669,470)	Examiner: Deborah D. Carr
)	
Filed: September 25, 2003)	Confirmation No.: 4845
)	
For: AGENT FOR IMPROVING BONE)	
METABOLISM)	

FOURTH INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

U.S. Patent Documents

1. HORROBIN et al., U.S. Patent No. 5,888,541, issued on March 30, 1999.
2. HORROBIN et al., U.S. Patent No. 5,618,558, issued on April 8, 1997.

Foreign Patent Documents

1. European Application No. EP 0 261 814, published on March 30, 1988.
2. International Publication No. WO 96/34846, published on November 7, 1996.

All of the listed documents were cited in the attached Supplementary European Search Report issued in corresponding European Application No. 02707256.0 - 1216. It is noted that WO 00/21524, which is listed in the enclosed Search Report, was previously cited in an Information Disclosure Statement submitted on February 15, 2005 to the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required.

The documents are being submitted after the close of prosecution but prior to, or concurrently with, the payment of the issue fee, therefore under 37 C.F.R. § 1.97(d) a statement and the fee set forth in 37 C.F.R. § 1.17(p) are enclosed.

I, the undersigned, hereby state in accordance with 37 C.F.R. § 1.97(e)(2) that no item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three (3) months prior to the filing of this Information Disclosure Statement.

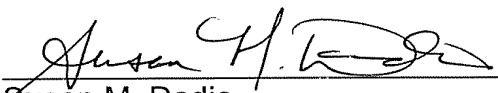
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: April 10, 2009

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